

Maxwell Construction and Phase Transitions in Fermi Fluids^{*,}**

J. M. Pearson^{***} and W. Stocker

Sektion Physik, Universität München, D-85748 Garching

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We apply elementary thermodynamics to Fermi fluids with a view to establishing the conditions for liquid-gas phase transitions at absolute zero. Particular attention is paid to the case of single-component nuclear matter (both charge-symmetric and pure neutronic cases).

Reprint requests to Prof. W. Stocker. Fax: +49 89 289 14008